

CURRICULUM VITAE/BIBLIOGRAPHY

Carol J. Mount, R.T.(R)(M)

EDUCATION

School of Radiologic Technology, Rice Memorial Hospital, Willmar, Minnesota

Radiologic Technology Courses, University of Minnesota, Minneapolis, Minnesota

Management of Radiographic Environment Seminar, Sponsored by Eastman Kodak Company, Rochester, New York

EXPERIENCE

Staff Radiologic Technologist, Mayo Clinic, Rochester, Minnesota, 1971-1976

Staff Mammography Technologist and Operator of Experimental Breast Scanner, Mayo Clinic, Rochester, Minnesota, 1975-1976

Staff Technologist, Mayo Clinic, Rochester, Minnesota, 1980-Present

Unit Supervisor General Radiology, Mayo Clinic, Rochester, Minnesota, 1985-1986

Quality Control Technologist and Assistant Supervisor, Mayo Clinic, Jacksonville, Florida, 1986-1988

Quality Control Technologist, Mayo Clinic, Rochester, Minnesota, 1988-1992

Supervisor, Medical Imaging Technical Specialists, Mayo Clinic, Rochester, Minnesota, 1992-1999

Supervisor, Medical Imaging Technical Specialists, Mayo Clinic, Rochester, Minnesota, 1992-1999

Supervisor, Breast Imaging, Mayo Clinic, Rochester, Minnesota, 1999-Present

Certified Mammographer, American Registry of Radiologic Technologists, 1992-Present

Educator, Quality Control Classes, Mayo School of Health Related Sciences, Rochester, Minnesota, 1992-1998

Educator, Operation of Fluoroscopic Equipment for Radiology Residents Mayo Medical School, Rochester, Minnesota

PROFESSIONAL ACTIVITIES

Appointee, National Mammography Quality Assurance Advisory Committee 2004

Member, Society of Breast Imaging 1999-Present

Member, Minnesota Society of Radiologic Technologists, 1989-Present

Consultant and Reviewer, ACR Mammography Quality Control Technologists Manual, 1989-1990

Nominee, American College of Radiology for Educator in Mammography "Train the Trainer Program", 1992-1993

Member, American Society of Radiologic Technologists, 1992-Present

Appointee, American Society of Radiologic Technologists Task Force on Mammography, 1993-1994

HONORS/AWARDS

Faculty Award for Outstanding Professionalism, Mayo School of Health Related Sciences Mayo Clinic Rochester, Minnesota, 1996

PRESENTATIONS

1990

“Image Quality Evaluation of Different Mammographic Units”
Presented to Mayo Clinic Staff Radiologists

1991

“Mammographic Quality Control”
Carol J. Mount, RT(R)(M) and John G. Stears RT(R)
MSRT District V Spring Symposium Rochester, Minnesota

1992

“Mammographic Quality Control, A Review for Mammography Test Applicants”
Presented to staff and student Mammography Technologists
Mayo Clinic, Rochester, Minnesota

Workshops, Mammography Quality Control
American College of Radiology Breast Conference
Boston, Massachusetts

“A Test in Time Keeps Films in Line”
MSRT Annual Meeting
Duluth, Minnesota

“A Sensi Strip A Day”
MSRT Annual Meeting
Duluth, Minnesota

1993

“A Test in Time Keeps Films in Line”
SDSRT Annual Meeting
Sioux Falls, South Dakota

“Behind the Scene of a Perfect Mammogram”
SDSRT Annual Meeting
Sioux Falls, South Dakota

1994

“Quality Control for Mammographers”
MSRT Mammography Refresher Seminar
Brooklyn Center, Minnesota

“Mammographic Imaging Equipment: The Technologists’ Perspective”
AAPM Tutorial on Mammography Equipment Selection
Radiologic Society of North America
Chicago, Illinois

“The Mammography Quality Regulators: ACR, MQSA, HGFA”
Technologist In-Service Education
Mayo Clinic Rochester, Minnesota

1995

“Behind the Scene of a Perfect Mammogram”

Technologist In-Service Education
Mayo Clinic Rochester, Minnesota

“The Mammography Quality Regulators: ACR, MQSA, HGFA”
Technologist In-Service Education
Mayo Clinic Jacksonville, Florida

“Phantom Evaluation Workshops”
University of Wisconsin-Madison Breast Symposium
Madison, Wisconsin.

“Image Quality: Artifact Analysis”
North Central Chapter of the American Association of Physicists in Medicine
Mayo Clinic, Rochester, Minnesota

1996

“Beyond the Fibers, Specks, and Masses”
Park Nicollet Medical Center-Naegele Auditorium
Minneapolis, Minnesota

“A Test In Time Keeps Films In Line”
Park Nicollet Medical Center-Naegele Auditorium
Minneapolis, Minnesota

“Beyond the Fibers, Specks, and Masses”
Hurstbourne Convention Center
Louisville, Kentucky

“Behind the Scene of a Perfect Mammogram”
Hurstbourne Convention Center
Louisville, Kentucky

“Beyond the Fibers, Specks, and Masses”
Itallian Community Center
Milwaukee, Wisconsin

“Behind the Scene of a Perfect Mammogram”
Itallian Community Center
Milwaukee, Wisconsin

“Beyond the Fibers, Specks, and Masses”
Marriott Executive Park
Charlotte, North Carolina

“Behind the Scene of a Perfect Mammogram”
Marriott Executive Park
Charlotte, North Carolina

“Mammography Physics Review”
In-Service Education for Mammography Technologists
Mayo Clinic, Rochester, Minnesota

“Beyond the Fibers, Specks, and Masses”
Kellogg Center Michigan State University East
Lansing, Michigan

“A Test In Time Keeps Films In Line”
Kellogg Center Michigan State University East
Lansing, Michigan

1997

“Beyond the Fibers, Specks, and Masses”
Mayo Clinic, Scottsdale, Arizona

“Behind the Scene of a Perfect Mammogram”
Mayo Clinic Scottsdale, Arizona

“Beyond the Fibers, Specks, and Masses”
Mammography Symposium
Mayo Clinic, Rochester, Minnesota

“Beyond the Fibers, Specks, and Masses”
Holiday Inn Conference Center
Des Moines, Iowa

“Behind the Scene of a Perfect Mammogram”
Holiday Inn Conference Center
Des Moines, Iowa

“MQSA Inspections: The Technologists Role”
Skemp Clinic
LaCrosse, Wisconsin

“Set Your Visions High”
Mayo Radiography Program Graduation Address
Mayo Clinic, Rochester Minnesota

1998

“Quality Control Workshop”
Mammography Department
Lake City, Minnesota

“Compress Like You Were Taut”
Mayo Clinic Mammography Department
Rochester, Minnesota

“Final MQSA Regulations. Get Ready, Get Set, Three Months to Go!”
Mayo Clinic, Rochester, Minnesota

“Compress Like You were Taut”
Mayo Clinic Mammography Department
Rochester, Minnesota

1999

“Physics Review and Problem Solving”

The Quest for Excellence
Mankato, Minnesota

“Correcting Image Quality Problems”
Mayo Clinic Mammography Department
Rochester, Minnesota

“Quality Control Workshop”
Owatonna Clinic Mammography Department
Owatonna, Minnesota

“Something Old and Something New: ACR QC and CR”
Mayo Clinic Mammography Department
Rochester, Minnesota

“Computed Radiography as a Digital Solution in Mammography”
Off the Beaten Path Mammography Seminar
Chicago, Illinois

2000

“Bulls Eye Targeting of Spot Compression Views”
In-Service Education Mammography Department
Mayo Clinic, Rochester, Minnesota

“Recognizing and Correcting Mammographic Artifacts”
AAPM Spring Symposium University of Minnesota
Minneapolis, Minnesota

PUBLICATIONS:

Articles

1. Mount CM, Gray JE. Improved Tool for Testing Screen-Film Contact in Mammography. *RadioGraphics* 1990;10:1049-1054.
2. Gray JE, Mount CJ. What did you get for #12? (Letter to the Editor) *HPS Newsletter* 1993;21:56.
3. Mount CJ, Ranfranz MK. Technical Note: Core biopsy specimen radiography. *Screenings (Kodak)* 1993;2:7.
4. McCollough CH, Cunningham, IA, Hangiandreou NJ, Hasegawa BH, Kofler JM, Korosec FR, Pepler WW, Mount, CJ. *RSNA Technical Exhibits. Radiology* 1995;194:950-953.

Scientific Exhibits

1. Mount CJ, Gray JE. Mammography Quality Control Problems with Conventional Screen-Film Contact Testing. *Radiological Society of North America; Chicago, Illinois, 1989*
2. Mount CJ, Gray JE. Factors Affecting Mammographic Image Quality. *Radiological Society of North America; Chicago, Illinois, 1991*

3. Mount CJ, Gray JE, Groth D. Measurement of Silver in Fixer Solutions. Radiological Society of North America; Chicago, Illinois, 1993
4. Mount CJ, Gray JE. Artifact Analysis of ACR Phantom Images. American College of Radiology National Breast Conference, Dallas, Texas.1996
5. Mount CJ, Gray JE. Beyond the Fibers, Specks, and Masses. Radiological Society of North America, Chicago, Illinois, 1996
6. Kofler JM; Schueler BA; Anderson DM; Mount CJ; Dickerson NL; Collins DA. "Repeat Reject Analysis System for Mammography." Radiological Society of North America Annual Meeting, 1998- Certificate of Merit
7. Hangiandreou HJ, Mount CJ, Brandt KR. An Investigation of the Effects of Mammographic Acquisition Parameters on a Semi-Automated Quantitative Measure of Breast Cancer Risk Society for Computer Applications in Radiology, 2000

Miscellaneous Publications

1. Mount CJ. Technical Note: What is Causing the Artifact? Inside View to Mammography (Instrumentarium) December 1996
2. Mount CJ. Book Review: The Basics of Film Processing in Medical Imaging. RT Image November 24, 1997
3. Mount CJ, Personal Interview: Quality Control at Mayo Clinic Founded on Communication, Teamwork Screenings (Kodak) Spring 1999
4. Mount CJ. "Easing Mammogram Discomfort." Mayo Clinic Women's Health Source, 2002;16(10).
5. "Don't Repeat This." Interview with Kelly Devereaux, Advance for Radiologic Science Professionals 2002;13(21).
5. Advance for Radiologic Science Professionals. "Spring Cleaning in mammography." Interview with Kelly Devereaux, Advance for Imaging and Radiation Therapy Professionals 2002;15(6):10.

LICENSED INVENTIONS:

- Mount CJ, Gray JE. Screen Film Contact Test Tool for Mammography Licensed to Nuclear Associates, 1990
- Gray JE, Mount CJ. Mammography Focal Spot Test Stand. Licensed to Nuclear Associates, 1991
- Mount CJ, Gray JE, Contrast Resolution Mammography Phantom Licensed to Nuclear Associates, 1995
- Mount CJ, Gray JE, Digital Mammography Image Analysis Phantom Licensed to Nuclear Associates, 1995
- Kofler JM, Anderson, DM, Mount CM, Mammography Repeat Analysis Sticker System, 1998
- Mount CM, Vrieze TJ, Collimation Template for Mammography, 1999